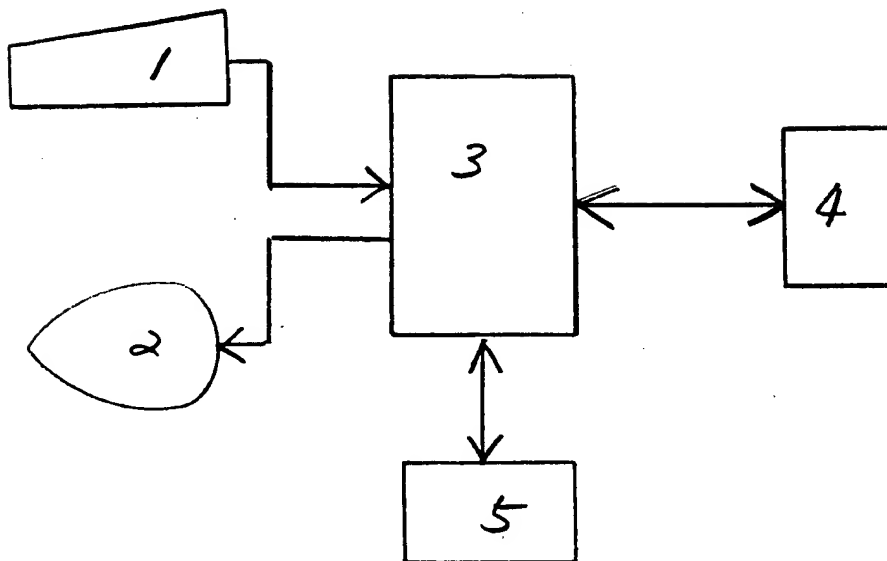


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Figure 1

A block diagram of the invention system



1: Input system

2: Output system

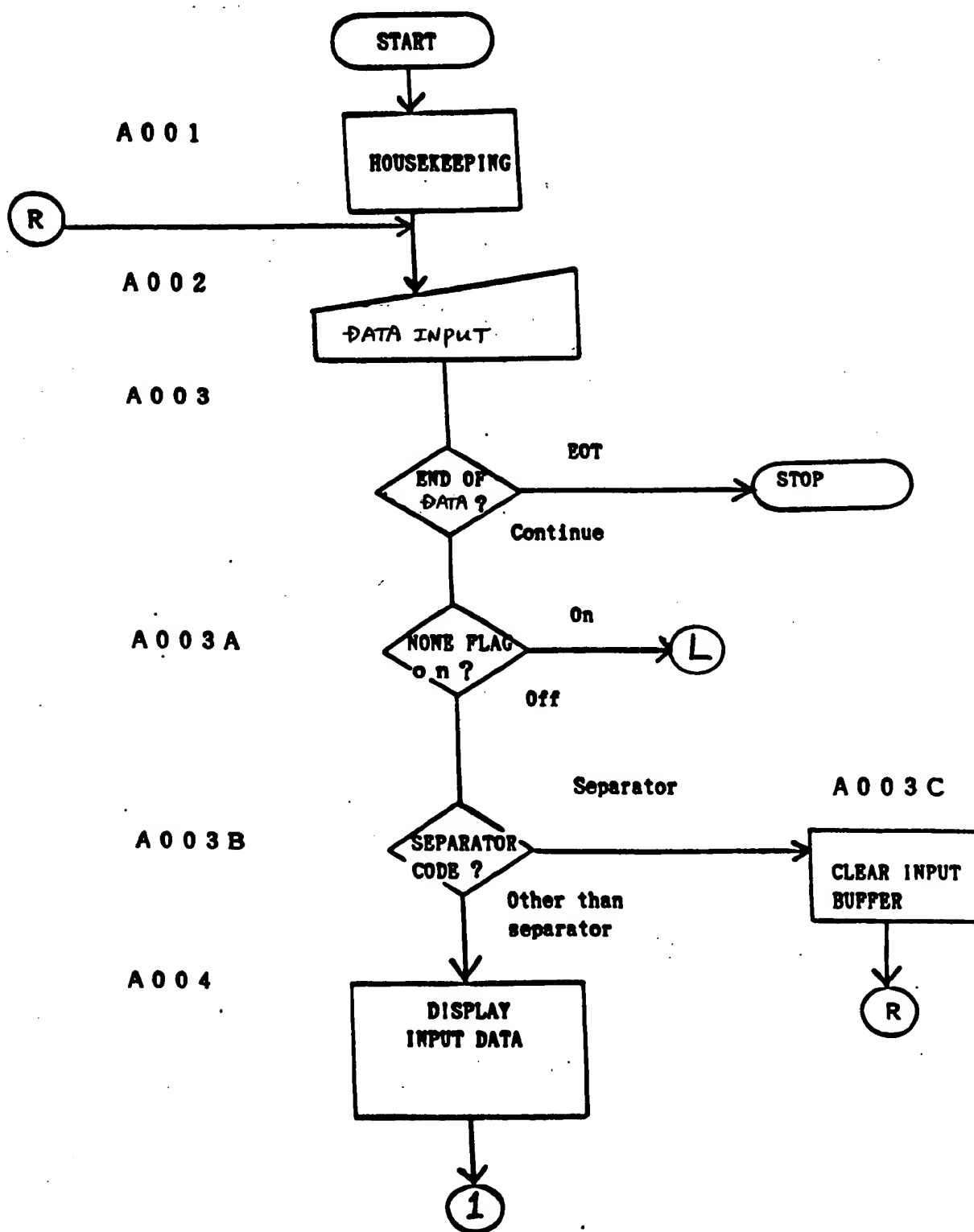
3: Control system  
including the control of all  
the systems, being adapted to  
inputting and outputting the  
text characters on the display,  
edit characters in the text,  
and making such conversion as  
the input characters to an  
appropriate word or a combination  
of words, etc.

4: Memory system

5: Dictionary system

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Figure 2 FLOWCHART



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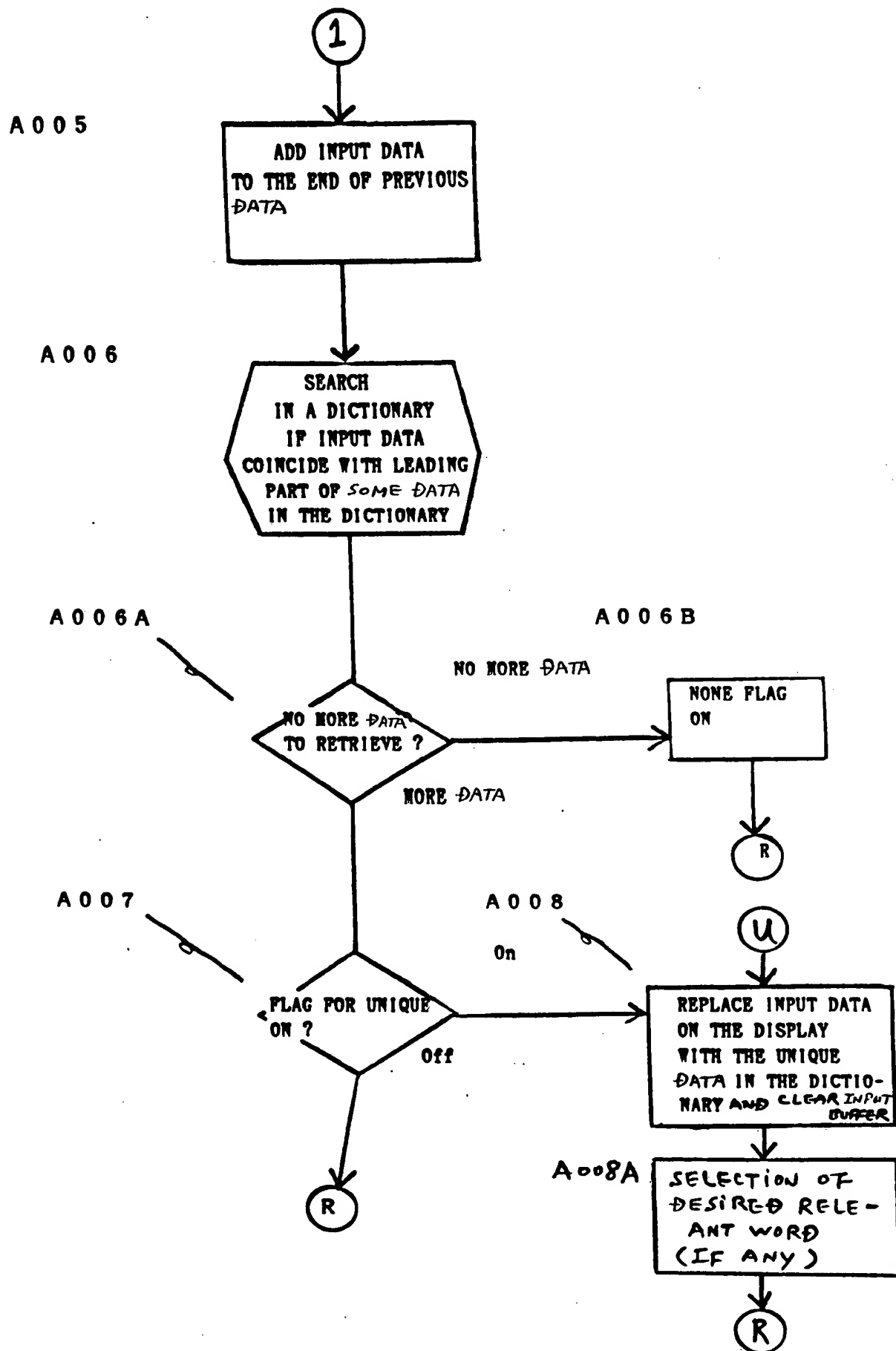
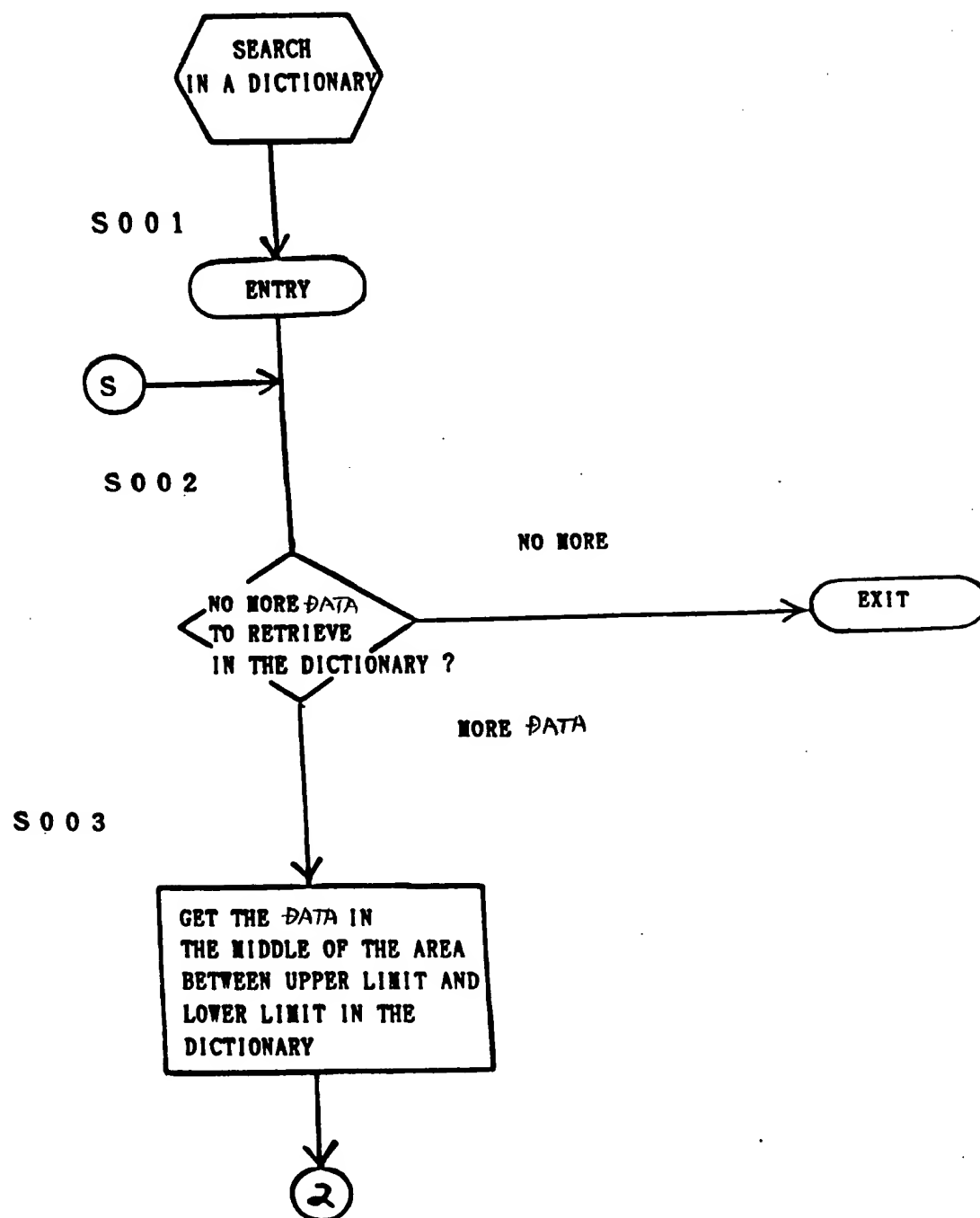
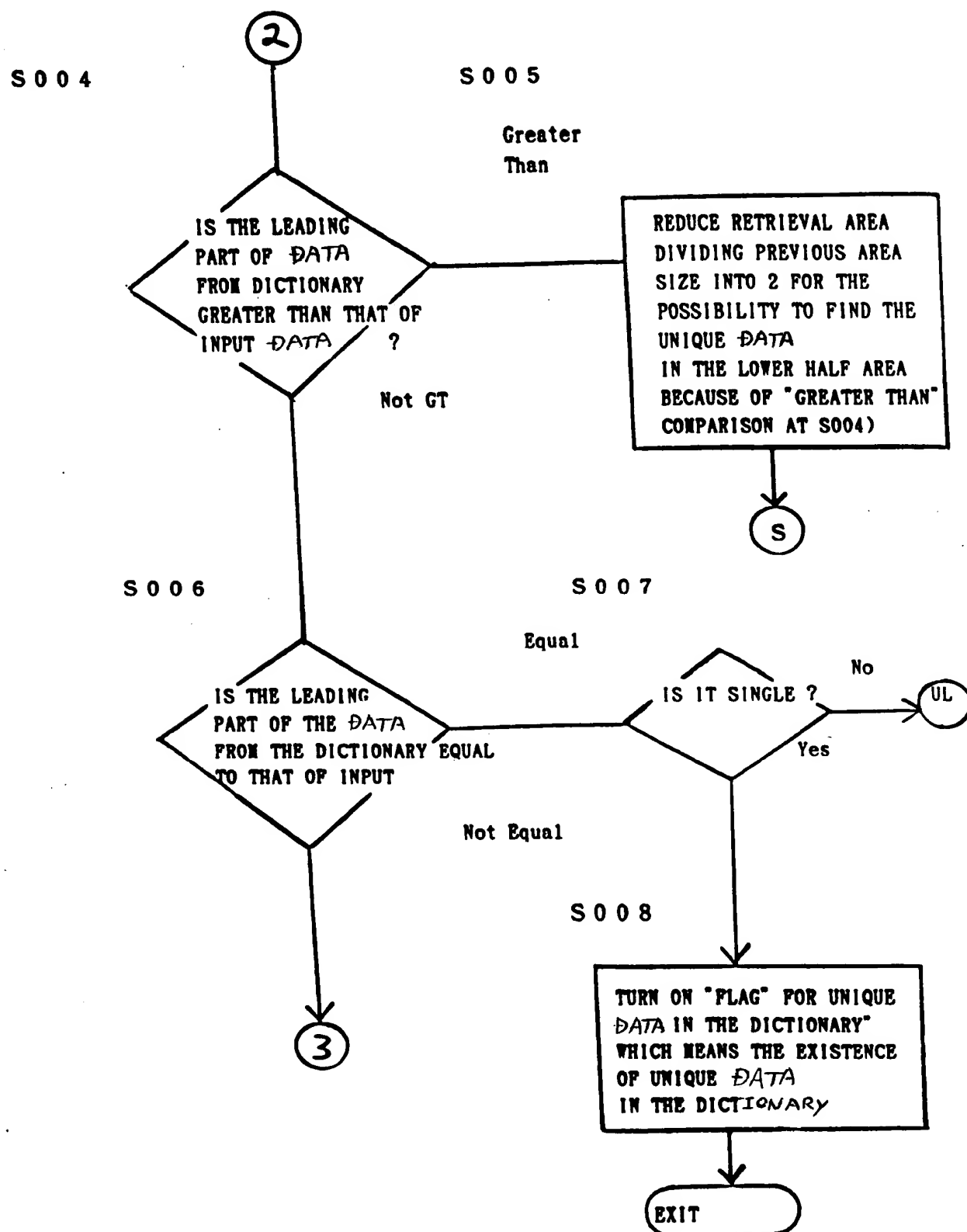
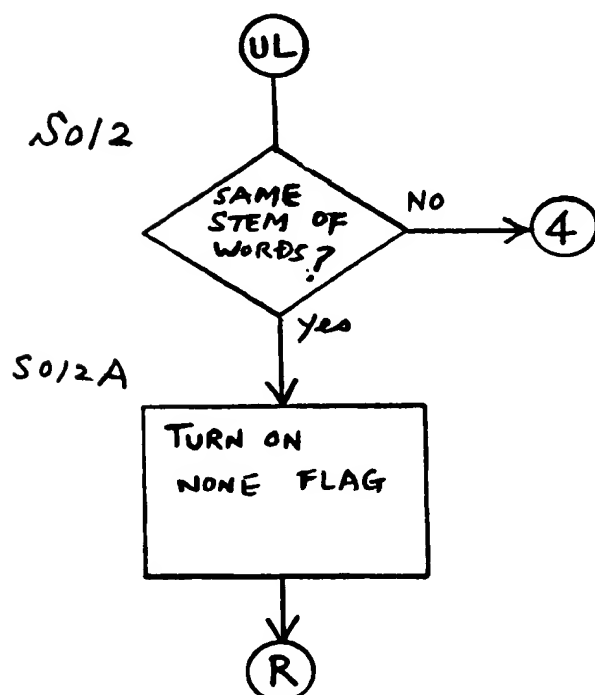
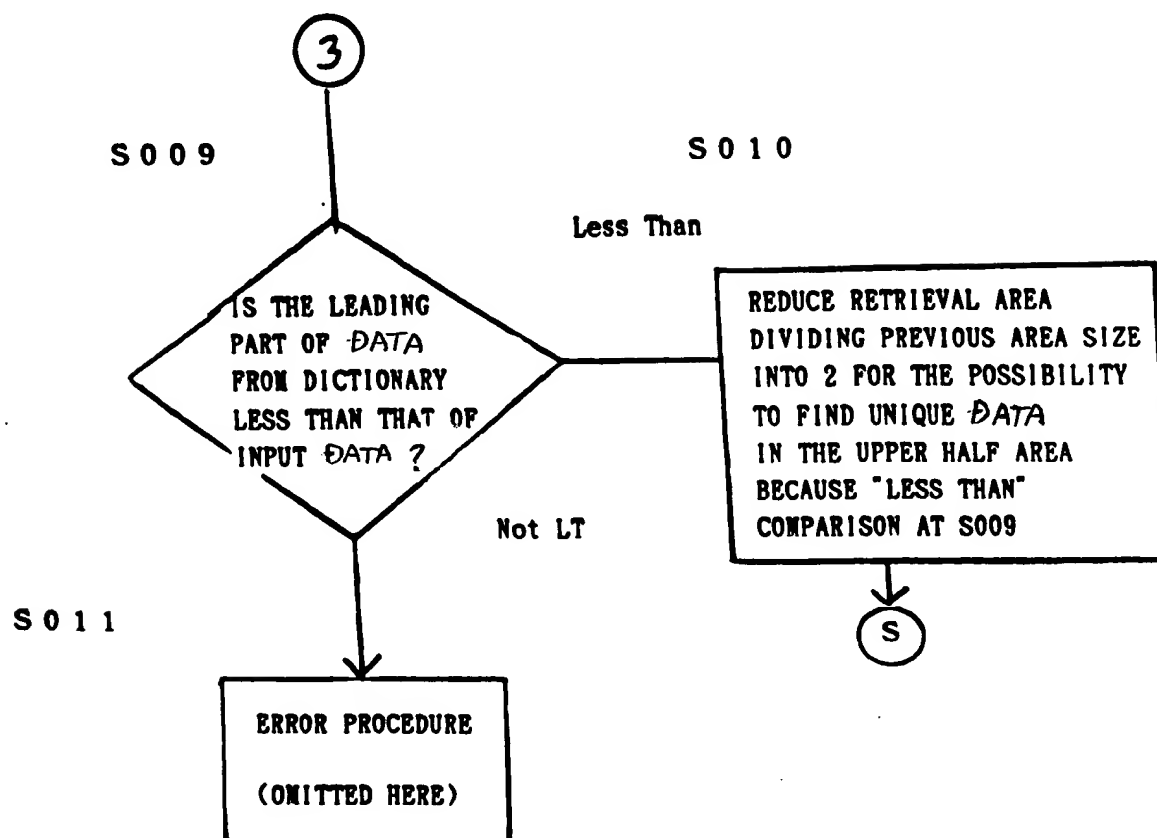
Figure 3 FLOWCHART

Figure 4. FLOWCHART

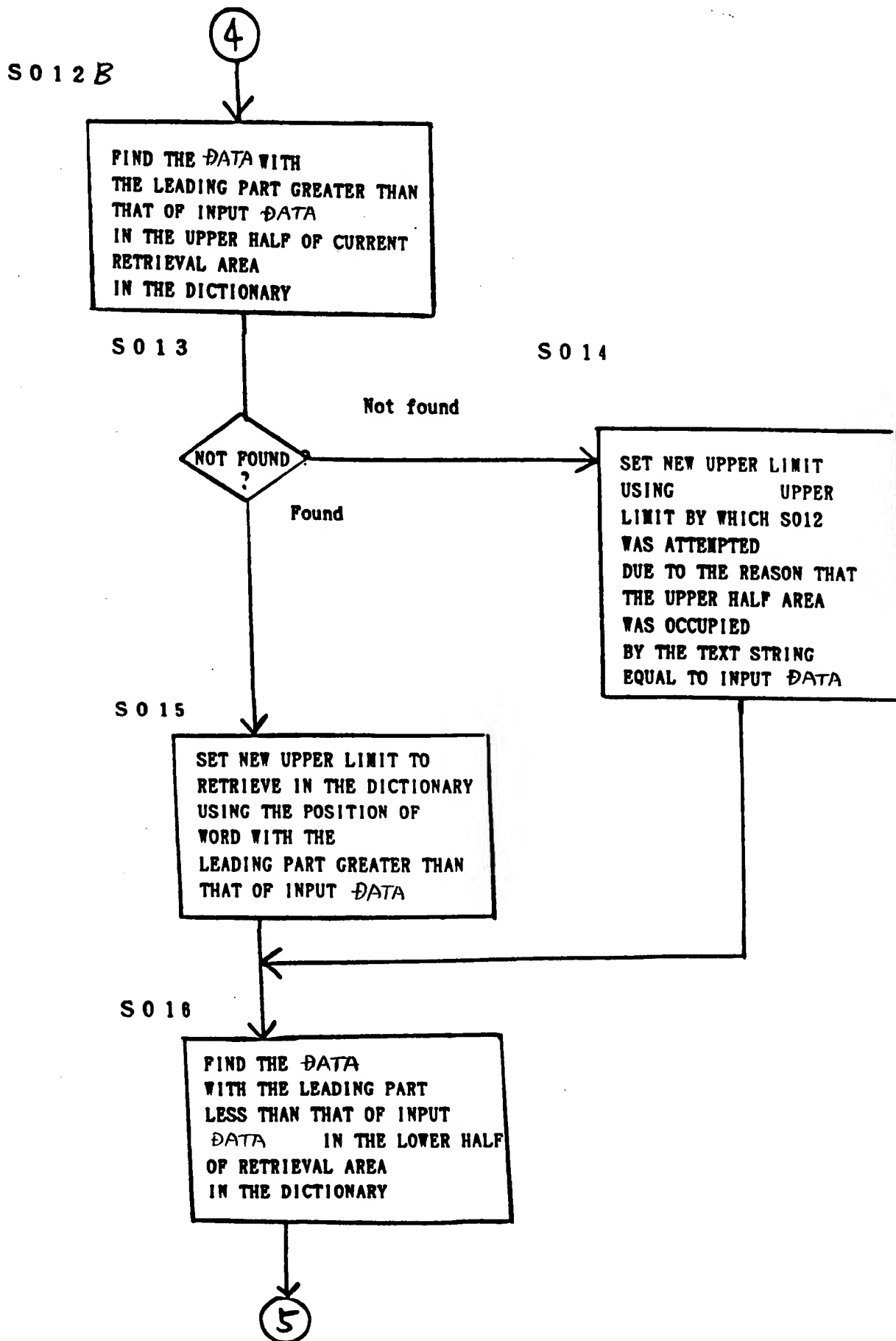
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Figure 5 FLOWCHART

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Figure 6 FLOWCHART

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Figure 7 FLOWCHART

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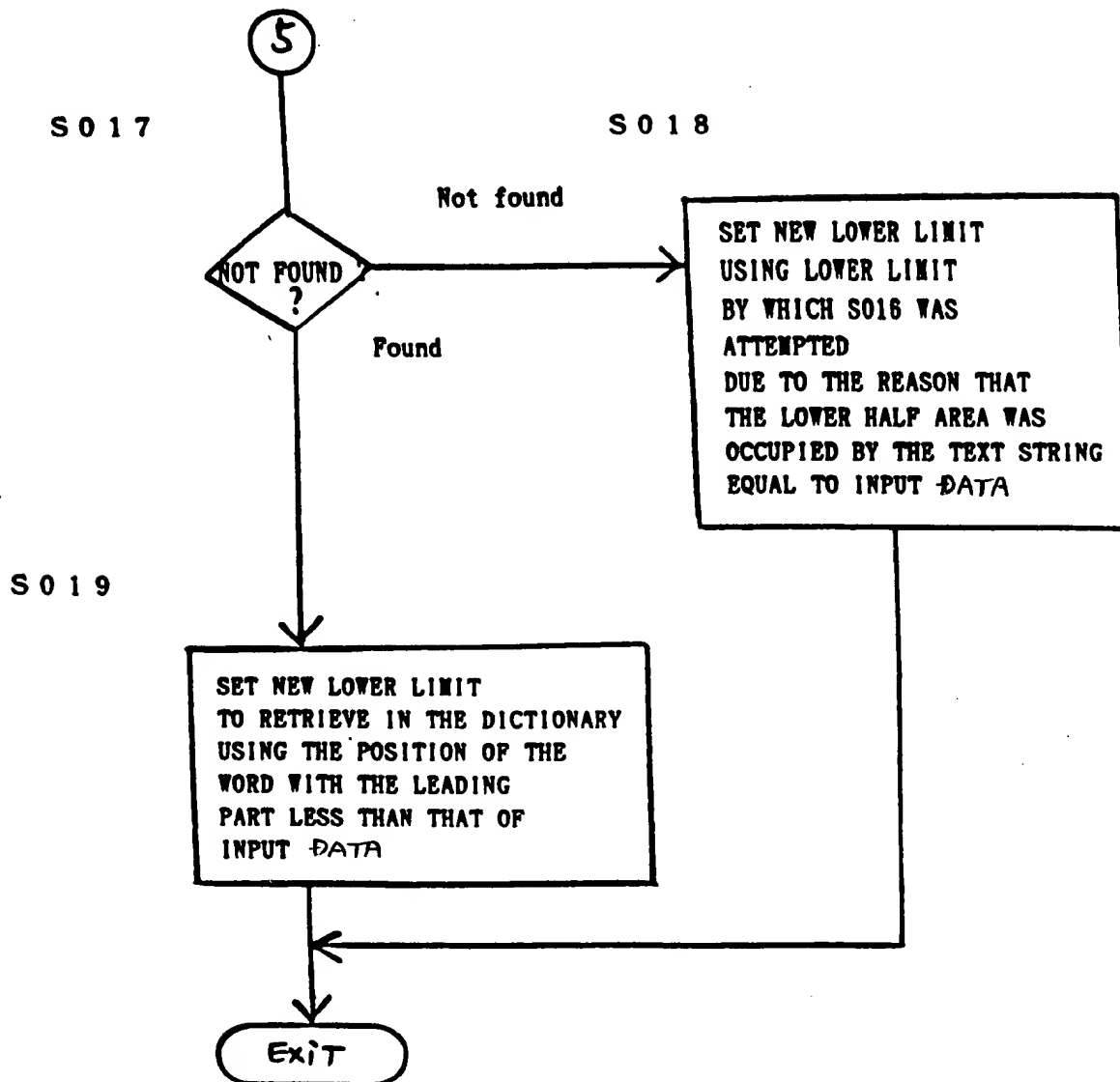
Figure 8 FLOWCHART



Figure 9 FLOWCHART

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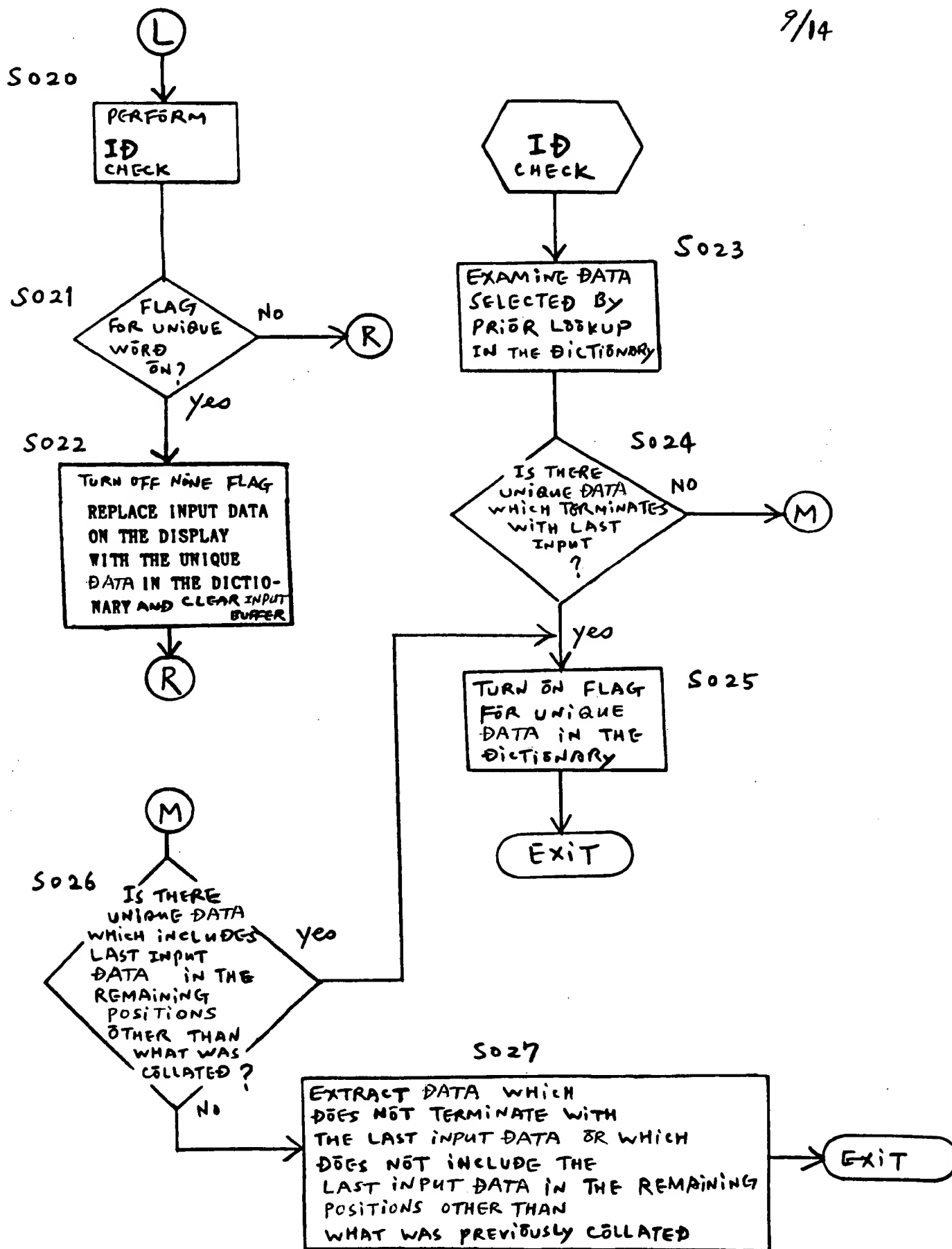


Figure 10 FLOWCHART

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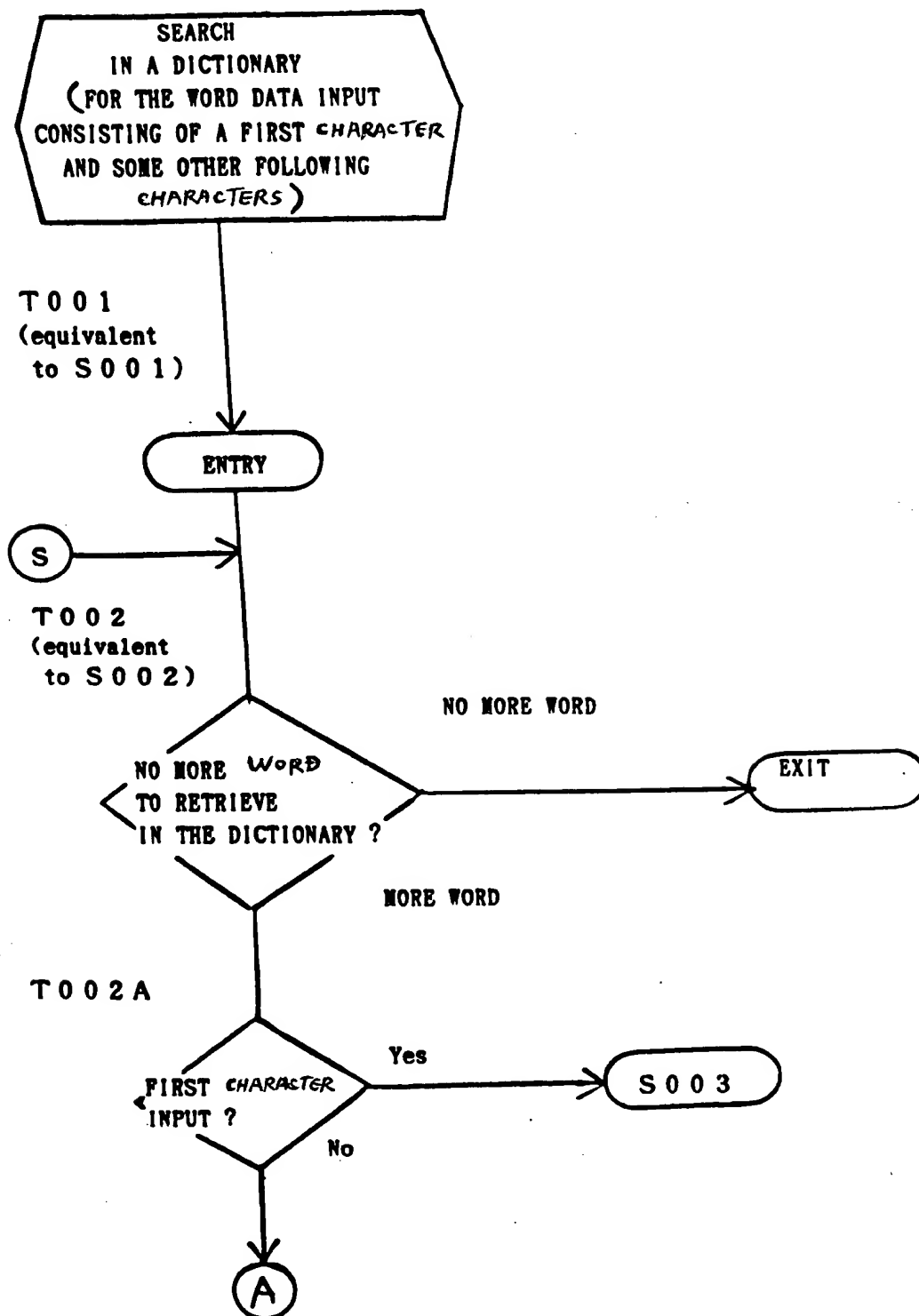


Figure // FLOWCHART

//14

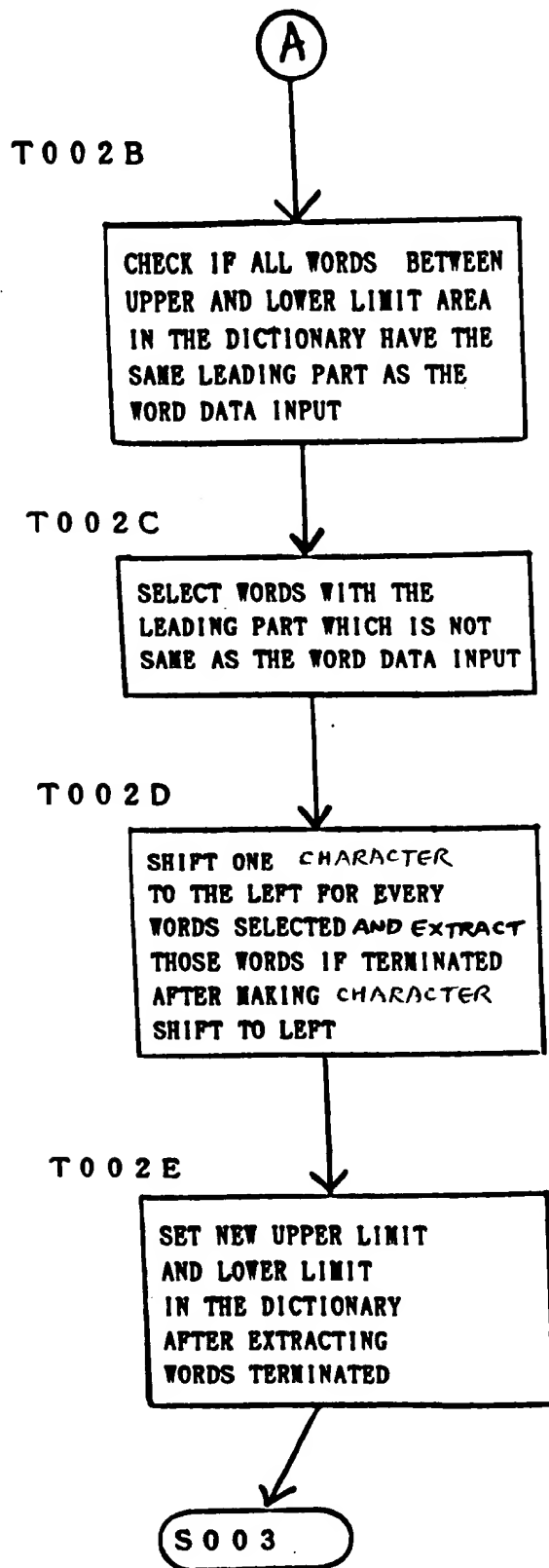


Figure 12

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## #1 WORD PATTERN ELEMENT DATA DICTIONARY - EXAMPLES

#	HANDWRITING CHARACTER PATTERN ELEMENT CODES	ORIGINAL WORD CHARACTERS
1	$\phi\phi \phi 1 \phi 1 1\phi \phi 2 \phi\phi 3\phi 11 11 11$ 	修
2	$1\phi 2\phi 12 \phi 2 \phi 1 2\phi 1\phi \phi 2 25 12 \phi 2 \phi 1 45 55$	録
3	$\phi 2 \phi 1 12 11 \phi 2$	正
4	$\phi 2 11 25 12 12 \phi\phi 3\phi$	更
5	$\phi 4 \phi 1 1\phi 2\phi 12 \phi 2 \phi 1 1\phi 2\phi$	除
6	$11 2\phi 1\phi \phi 1 24 12 12 11 \phi 5$	削
7	$14 2\phi 3\phi 1\phi 1\phi 12 11 25 12 2\phi 1\phi \phi 2$ 	登

#2 HANDWRITING CHARACTER  
PATTERN ELEMENT CODES - EXAMPLES

	$\phi$	1	2	3	4	5	6	---
$\phi$								
1								
2								
3								
4	3			3	C	>		
5				L	>	<		
...								

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Figure 13      DICTIONARY

Line of text      Original word      Relevant words

---

(		
easi	easily	
east	east	eastern. eastward
easy	easy	
eat	eat	
eb	ebb	
ecc	eccentric	
eco	economic	economical. economics. economy
ede	eden	
edib	edible	
edif	edifice	
edit	edit	edition. editor. editorial
edu	educate	education. educational
effe	effect	effective
effi	efficiency	efficient
effo	effort	
egg	egg	
egy	egypt	egyptian
eig	eight	eighteen. eighth. eighty. either
elab	elaborate	
elap	elapse	
elas	elastic	
elb	elbow	
eld	elder	
el	el dorado	
elect	electric	electric. electrical. electricity. electron. electronic. electronics
electi	election	
eleg	elegance	elegant. elegy
elem	element	elemental. elementary
elep	elephant	
elev	elevate	elevator. eleven. eleventh
elf	elf	
eli	eliminate	
)		

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Figure 14    DICTIONARY    11Original word

{  
 easily  
 east  
 eastern  
 eastward  
 easy  
 eat  
 ebb  
 eccentric  
 echo  
 economic  
 economical  
 economy  
 eden  
 edible  
 edifice  
 edit  
 edition  
 editor  
 editorial  
 educate  
 education  
 educational  
 effect  
 effective  
 efficiency  
 efficient  
 effort  
 egg  
 egypt  
 egyptian  
 eh  
 eight  
 eighteen  
 eighth  
 eighty  
 either  
 elaborate  
 elapse  
 }

-----> (Example; eccentric  
 ↓  
 At this position, "eccentric"  
 is unique in this dictionary )

*this remainder is supplemented  
 from the dictionary.*